WHAT IS CLAIMED IS:

1.      A method of creating a treatment recommendation for a patient with elevated intraocular pressure, the method comprising:

providing a baseline intraocular pressure of the patient;

providing at least one of a target intraocular pressure and a target reduction in intraocular pressure for the patient;

providing at least one aqueous cavity datum, the aqueous cavity datum selected from the group consisting of a collector channel resistance, a Schlemm's canal resistance, a length of a segment Schlemm's canal, a height of Schlemm's canal, and a width of Schlemm's canal; and

determining a treatment recommendation for the patient, based on the baseline intraocular pressure of the patient, the at least one of a target intraocular pressure or a target reduction in intraocular pressure for the patient, and the at least one aqueous cavity datum;

wherein the treatment recommendation comprises at least one of a recommended location of a stent implantation and a recommended number of stents to be implanted.

2.      The method of claim 1, wherein the recommended location of a stent implantation comprises a distance from a collector channel.

3.      The method of claim 2, wherein the distance is measured along Schlemm's canal.

4.      The method of claim 1, further comprising:

providing at least one additional ocular datum, the at least one additional ocular datum selected from the group consisting of an episcleral venous pressure, a trabecular meshwork resistance, a facility of outflow, and a viscosity of aqueous humor;

wherein the treatment recommendation is also based on the at least one additional ocular datum.

5.      A method of creating a treatment recommendation for a patient with elevated intraocular pressure, the method comprising:

providing a baseline intraocular pressure of the patient;

providing at least one of a target intraocular pressure and a target reduction in intraocular pressure for the patient;

providing at least one of a location of at least one collector channel and a distribution of a plurality of collector channels; and

determining a treatment recommendation for the patient, based on the baseline intraocular pressure of the patient, the at least one of a target intraocular pressure or a target reduction in intraocular pressure for the patient, and the at least one of a location of at least one collector channel and a distribution of a plurality of collector channels;

wherein the treatment recommendation comprises at least one of a recommended location of a stent implantation and a recommended number of stents to be implanted.

6. The method of claim 5, wherein the recommended location of a stent implantation is selected from the group consisting of nasal, temporal, a quadrantic position, and a clock-hour position.

7. The method of claim 5, wherein the distribution of a plurality of collector channels is determined by imaging the patient.

8. The method of claim 5, wherein the distribution of a plurality of collector channels is determined at least in part from statistical data from eyes other than the patient's eyes.